Summer Program July 6 – July 24, 2015

The **Park Tudor Innovators Institute Summer Program** is a unique opportunity for students entering grades 9-12 to learn the skills needed to be successful in college and beyond, while becoming leaders in their fields of interest. Students will learn how to think and act like innovators by developing skills in critical thinking, problem-solving, creativity, communication, and collaboration while gaining hands-on experience in cutting edge courses. Students will be given three days of innovation skills training followed by over two weeks of instruction by Park Tudor faculty in a field of the student's choosing, including:

- **Design Thinking.** Based on Stanford University's school for Design Thinking, our student "iDesigners" will work in small teams to identify a global challenge and imagine, engineer, and test a workable solution. The students will receive real world experience through trips to area design firms and places of innovation, and the opportunity to work directly with designers to develop student ideas. At the end of the course, students will present their ideas directly to decision makers and truly make a difference.

- **Entrepreneurship.** Students will become real entrepreneurs during this course by learning the process of launching a business and actually starting a business of their own. To fund their start-up, the entrepreneurs will pitch their ideas to area business leaders at a "Shark Tank" like event with assistance and mentoring on the line. The students will spend part of the course working with area entrepreneurs including shadowing at a business in an industry of their choosing.

- **VEX Robotics.** Through a fast-paced program, this course will take students from learning the fundamentals of robot design to understanding advanced programming. Students will compete in a simulated 2015-16 VEX Robotics Competition. Students will also learn real world application of robotics through potential site visits, guest speakers, and mentors. At the end of the course, students will receive 3D hardware and programming software to continue pursuing their passion.

One of the goals of the Institute is to make it accessible to all students, regardless of financial circumstances. **<u>Scholarships and financial aid are available for students who would benefit from the program.</u>** Please contact Peter Kraft at pkraft@parktudor.org for more details.

For more information and to apply, please visit:
http://www.parktudor.org/summer/innovators-institute/